NExBTL[™] A 2nd Generation Renewable Diesel

DESTE OIL

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The Leading Provider of Cleaner Traffic Fuels

- Neste aims to be the world leader in renewable diesel
- Neste will invest several billion dollars in biofuels over the next few years

Refining capacity 250,000 bpd

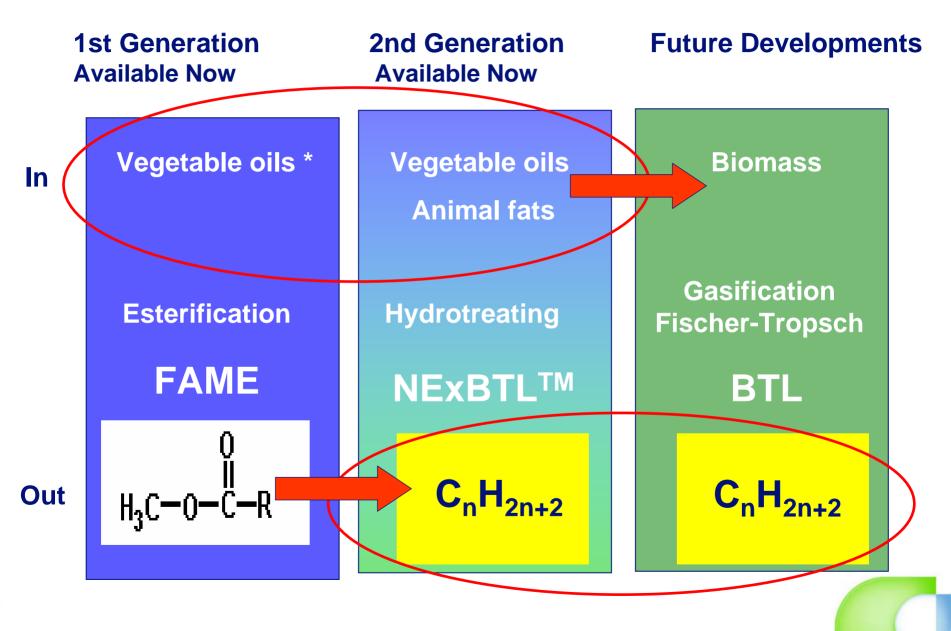
Employees 4,700 (approximate)

Sales US\$ 16.5 billion (approximate)

- World headquarters in Helsinki, Finland
- US headquarters in Houston, Texas









NexBTL[™] Renewable Diesel

A superior quality diesel fuel derived from vegetable oils or animal fats

- Renewable, pure hydrocarbon fuel
- Superior diesel blending component
- Fits existing infrastructure no incremental costs
- No storage stability problems
- Excellent performance in cold climates
- Very high cetane number (80...100)
- Free of aromatics, sulfur, oxygen
- Reduces exhaust emissions of NOx, PM, THC, CO
- Low carbon fuel reduces GHG emissions
- Has excellent life cycle energy balance
- Meets specifications of ASTM D-975
- Can be used in today's diesel engine





June 2007



Fuel Property Comparison

	NExBTL™ Renewable Diesel	GTL Synthetic Diesel	FAME RME Esters	S-free Eur. EN590 (summer) Diesel
Viscosity at +40°C (mm²/s)	2.9 3.5	3.2 4.5	≈ 4.5	≈ 3.5
Cetane number	≈ 84 99 * ¹	≈ 73 81	≈ 51	≈ 53 *²
Cloud point (°C)	≈ - 5 30 * ³	≈ 0 - 25	≈ - 5	≈ - 5
Heating value (lower) (MJ/kg)	≈ 44	≈ 43	≈ 38	≈ 43
Heating value (MJ/I)	≈ 34	≈ 34	≈ 34	≈ 36
Polyaromatic content (wt-%)	0	0	0	≈ 4
Oxygen content (wt-%)	0	0	≈ 11	0
Sulfur content (mg/kg)	< 10	< 10	< 10	< 10
Carbon / hydrogen	≈ 5.6	≈ 5.6		≈ 6.0

Note *1: Blending cetane number

Note *2: ASTM specification > 40

Note *3: Product can be engineered to specific cloud point within this range

by adjusting process conditions

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Significant reduction in tailpipe emissions

- Engine tests have proved that NExBTL[™] renewable diesel reduces tailpipe emissions significantly compared to fossil diesel fuel:
 - √ 18% less nitrogen oxides
 - √ 27% less small particle emissions
 - √ 20% less hydrocarbons
 - √ 10% less carbon monoxide
 - √ 30-40% less formaldehydes
 - √ 40% less benzene



Source: Scania, MAN, VTT



NExBTL[™] Is A Low Carbon Fuel

Fossil diesel

Crude oil production, processing and transport

Refining

End use

3.8 t CO₂ equivalent for one tonne of fossil diesel

NExBTL™

Vegetable oil production, processing and transportation

Refining

End use

1.3 - 2.6 t CO₂ equivalent for one tonne of NExBTL™

The greenhouse gas emission over the entire life cycle of NExBTL™ biodiesel is estimated to be 40-60% less compared to fossil diesel (IFEU)

Greenhouse gas emsissions can be further decreased at the raw material production:

- better agricultural practises
- improved handling of waste and effluents





Sustainability Principles for Biofuels

Feedstock

- We are familiar with the life cycle and the origin of our feedstocks.
- We select our suppliers carefully with emphasis on the HSE and social performance of the supplier.
- We require our suppliers to share the aim of sustainability in operations, with explicit clauses/terms to this effect in mutual agreements.
- We carry out supplier audits or otherwise screen the performance of the supply chain, and work together with suppliers to improve their performance.

Processing & Manufacture

- We operate highly efficient production processes, which comply with the requirements of ISO and OHSAS environmental, health and safety, and quality standards.
- We continually improve the safety performance of production.
- We develop our production processes to be able to utilise new raw materials.

Products

- We develop and market high-quality products that help to reduce harmful emissions without limitations to existing engines.
- We aim to continuously improve the greenhouse gas balance and the energy balance of the whole product chain in order to diminish the impacts on the environment.
- We offer our customers products and our partners technologies that comply with current and future regulations.



Market Access Through Partnerships

Product side partnerships

- With national champions
 - Local market information
 - Offtake agreements or joint ventures

Feedstock partnerships

- With feedstock processors/suppliers
 - Sustainable access to key feedstocks

Other partnerships

- Strategic partners
- Financial partners







Investing in Renewable Diesel (1 of 2)

- New NExBTL[™] plant at Neste's Porvoo refinery in Finland inaugurated May 31, 2007
- Capacity: 170,000 t/a (~3750 bpd, 56 million gpy)
- Investment valued at approx. €100 million
- Designed to meet growing European demand for biofuels
- A "twin" plant to be built at the Porvoo refinery and will start up in 2008







Investing in Renewable Diesel (2 of 2)

- In March 2006, Neste signed a MOU with OMV of Austria to plan a NExBTL™ plant at OMV's refinery at Schwechat, Austria.
- Business development team is investigating alternative market entry strategies to bring NExBTL[™] technology to North America.
- We will invest billions of dollars over the next several years on new production plants.
- World class plants will be large upward of 250 million gallons.
- In March 2007, Neste Oil and Stora Enso announced a JV to develop technology for producing next generation biofuel from wood residues





California

Very Attractive for Biofuels

- Numerous refineries and extensive fuel infrastructure
- Large diesel consumption
- A leader in clean fuels and low carbon fuels

Issues for further investigation

- Support for biofuels should encourage all technologies
- Feedstock availability
- Permitting of new facilities





New Biofuels Joint Venture with Stora Enso

Phase 1

- Pilot plant at Stora Enso's Varkaus Mill (estimated cost €14 million)
- Develop new gas purification technology
 - other tried and tested technology already exists (Fischer-Tropsch)
- Commission the pilot plant in 2008

Phase 2

- Build a commercial, full-scale production plant

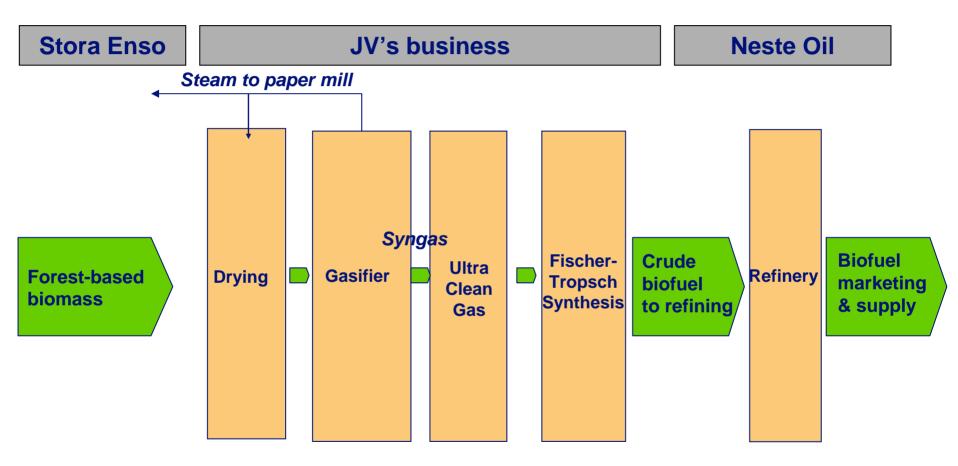
Phase 3

Expand production





New Biofuels Joint Venture with Stora Enso







THANK YOU!



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